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Moles and molar mass

You might need: Calculator

Element	Molar mass ($\mathrm{g/mol}$)
H	1.008
C	12.01
O	16.00

Using the information in the table, calculate the number of moles in a $2.03\ \mathrm{kg}$ sample of citric acid ($\mathrm{C_6H_8O_7}$).
Write your answer using three significant figures.

$\mathrm{mol\ C_6H_8O_7}$

Show Calculator

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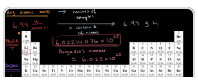
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The mole and Avogadro's number